

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

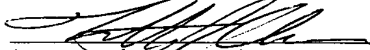
Inventor(s):	McQuade, Francis T. Barto, Charles L.	Docket:	102276-300
Serial No.:	Not Yet Assigned	Art Unit:	Not Yet Assigned
Filed:	October 24, 2003	Examiner:	Not Yet Assigned
Assignee:	Wentworth Laboratories, Inc.		
Title:	METHOD FOR FORMING PHOTO-DEFINED MICRO ELECTRICAL CONTACTS		

**CERTIFICATION UNDER 37 CFR §1.10**

I hereby certify that this correspondence and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date October 24, 2003 in an envelope as "Express Mail Post Office to Addressee" Mailing Label No. EL 897895329 US to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Timothy J. Olson

Printed Name of Person Mailing Paper



Signature of Person Mailing Paper

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

- ☐ Applicant submits herewith a copy of (a) attached form PTO-1449, which lists all patents, publications, applications, or other information submitted for consideration by the Office; (b) a legible copy of each document required by 37 C.F.R. §1.98(b)(2).
- ☒ Applicant herein apprises the Patent Office of prior art in a parent U.S. application from which this application obtains the benefit of an earlier filing date under 35 U.S.C. §120. The Serial Number of the parent application is U.S. Application Serial No. 10/027,146 filed December 20, 2001 and entitled "METHOD FOR CHEMICALLY ETCHING PHOTO-DEFINED MICRO ELECTRICAL CONTACTS" The publications cited therein are listed on attached Form PTO-1449. In accordance with 37 C.F.R. §1.98(d) copies of the listed publications are not required. ☐ Additional parent patent applications are listed on an attached sheet.

3. In accordance with 37 C.F.R. §1.98(a)(3), Applicant hereby certifies that for each reference not in English (**check at least one box below**):

☐ A copy of a translation of on or more non-English document, or portion thereof, is provided herewith;

☒ A concise explanation is (**check at least one box below**):

☒ provided in the accompanying foreign or international search report; ☐ incorporated into the specification; and/or ☐ provided herewith.

**37 C.F.R. §1.97(b)(1), (b)(2) - WITHIN 3 MONTHS OF FILING OR ENTRY IN NATIONAL STAGE**

4. ☒ Since this Information Disclosure Statement is being filed within three months of the filing date of the subject application or within three months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application, no fee or certification under 37 C.F.R. §1.97(e) is required.

**37 C.F.R. §1.97(b)(3), (b)(4) - PRIOR TO MAILING OF FIRST OFFICE ACTION OR FIRST ACTION AFTER REQUEST FOR CONTINUED EXAMINATION**

5. ☐ Since this Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits, or before the mailing of a first Office action after the filing of a request for continued examination under 37 C.F.R. §1.114, no fee or certification under 37 C.F.R. §1.97(e) is required.

**37 C.F.R. §1.97(c) - AFTER FIRST ACTION, BEFORE FINAL ACTION OR ALLOWANCE**

6. ☐ Since this Information Disclosure Statement is being filed outside of the period provided for in 37 C.F.R. §1.97(b), but before the mailing date of a Final Rejection or Notice of Allowance, this submission is being accompanied by (**one of the following boxes must be checked**):
- a. ☐ the fee required under 37 C.F.R. §1.97(c)(2) and specified in 37 C.F.R. §1.17(p). (**SEE DEPOSIT ACCOUNT AUTHORIZATION IN PARAGRAPH 10 BELOW**)
- b. ☐ the statement specified in 37 C.F.R. §1.97(e) (**Box 8 or 9 must be checked**).

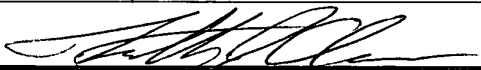
**37 C.F.R. §1.97(d) - AFTER FINAL REJECTION OR ALLOWANCE**

7. ☐ Since this Information Disclosure Statement is being filed after the period specified in 37 C.F.R. §1.97(c), but on or before payment of this issue fee and is accompanied by both the statement specified in 37 C.F.R. §1.97(e) and the fee set forth in 37 C.F.R. §1.17(p). (**Box 8 or 9 must be checked**).
8. ☐ In accordance with 37 C.F.R. §1.97(e)(1), Applicant's attorney certifies that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. ☐ The foreign or international search report(s) is/are enclosed.
9. ☐ In accordance with 37 C.F.R. §1.97(e)(2), Applicant's attorney certifies that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of the information disclosure statement.
10. ☒ In the event the Commissioner of Patents deems that any additional fee is required under 37 C.F.R. §§ 1.16 or 1.17 in connection with this application, Applicant's attorneys authorize that such fee be charged to Deposit Account No. 23-1665.

The undersigned represents that the closest art of which he is presently aware has been cited herein and understands that this statement shall not be construed as a representation that no better art exists or that a thorough patentability search has been made.

The undersigned further represents that the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the Statement is, or considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

Consideration of this Information Disclosure Statement is respectfully requested.

Name: Timothy J. Olson	Registration Number 42,962
Signature: 	Date October 24, 2003

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INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 102276-300	SERIAL NO. NOT YET ASSIGNED
	APPLICANT(S): MCQUADE, FRANCIS T. AND BARTO, CHARLES L.	
	FILING DATE: <b>OCTOBER 24, 2003</b>	GROUP: NOT YET ASSIGNED

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPR.
	3,960,560	6/1976	Sato	96	36	
	3,966,473	6/1976	Sato	96	36	
	4,027,935	6/1977	Byrnes et al.	339	48	
	4,451,327	5/1984	Nelson	156	646	
	4,466,859	8/1984	Nelson	156	646	
	4,520,314	05/28/85	Asch et al.	324	158 P	
	4,747,907	5/1988	Acocella et al.	156	642	
	4,980,638	12/25/90	Dermon et al.	324	158 P	
	5,326,428	07/1994	Farnworth	324	754	
	5,416,429	5/1995	McQuade et al.	324	762	
	5,495,667	3/1996	Farnworth et al.	29	843	
	5,508,144	4/1996	Katz et al.	430	296	
	5,864,946	2/1999	Eldridge et al.	29	843	
	5,917,707	6/1999	Khandros et al.	361	776	
	5,952,843	09/14/99	Vinh	324	761	
	5,959,461	9/1999	Brown et al.	324	765	
	6,023,103	2/2000	Chang et al.	257	781	
	6,031,383	2/2000	Streib et al.	324	754	
	6,043,563	3/2000	Eldridge et al.	257	784	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	EP 1120657A1	08/01/01	European Patent Office			No

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

Examiner Initials:	WENTWORTH LABORATORIES, INC., COBRA: VERTICAL TECHNOLOGY PROBE CARD (2002) (June 7, 2002) at <a href="http://www.wentworthlabs.com/product/cobra.htm">http://www.wentworthlabs.com/product/cobra.htm</a> .
	European Search Report and Communication dated 04/04/03

EXAMINER:

DATE CONSIDERED:

\* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET No. 102276-300	SERIAL No. CONTINUATION IN PART OF S/N 10/027,146
	APPLICANT: MCQUADE, FRANCIS T. AND BARTO, CHARLES L.	
	FILING DATE:	GROUP:

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT No.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPR.
	6,215,321	04/2000	Nakata, Yoshiro	324	754	
	6,142,723	9/2000	Costello	324	762	
	6,144,212	11/2000	Mizuta, Masaharu	324	754	
	6,150,186	11/2000	Chen et al.	438	14	
	6,160,412	12/2000	Martel et al.	324	761	
	6,163,162	12/2000	Thiessen et al.	324	761	
	6,194,127	2/2001	Stolk et al.	430	313	
	6,255,602	7/2001	Evans et al.	174	262	
	6,297,657	10/2001	Thiessen et al.	324	761	
	6,303,262	10/2001	Takaoka et al.	430	231	
	6,330,744	12/2001	Doherty et al.	29	846	
	6,334,856	1/2002	Allen et al.	604	191	
	6,363,605	04/2002	Shih et al.	29	600	
	6,448,506	9/2002	Glenn et al.	257	686	
	6,654,454	5/2003	Glenn et al.	29	852	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT No.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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